



State Enterprise Architect

OPENS: October 18, 2012

CLOSES: Open until filled

Candidate evaluation will be ongoing, and applicants are encouraged to submit materials by October 31, 2012, to ensure full consideration. The hiring authority reserves the right and may exercise the option to make a hiring decision at any time during the announcement period.

SALARY: \$67,668 - \$88,776 per year (Exempt Salary Structure, Band 2)

Important Note: From July 1, 2011 through June 29, 2013 a 3% temporary salary reduction is in effect for most state positions. The salary listed above includes this reduction. Employees subject to the salary reduction accrue Temporary Salary Reduction (TSR) Leave (5.2 hours per month), an additional form of paid leave. For specific information on the Temporary Salary Reduction [click here](#).

What we do:

Washington State Consolidated Technology Services (CTS) provides innovative technologies and support to our customers through competitive services that deliver measurable value.

Business Functions include:

- State Data Center Operations
- Mainframe Computing
- Servers
- Storage
- Disaster Recovery
- Network & Telecommunications
- IT Security
- Email

And More . . .

We are looking for someone to:

Serve as the designated statewide authority and senior technical expert for the statewide enterprise security services. Engineers and architects recommended enterprise security infrastructure to support the state's mission critical services. Architects the design of new security offerings to meet statewide customer requirements in the enterprise security services. Provides the highest level of technical leadership while working with customers to design solutions that solve complex security integration and operational challenges. Decisions made by incumbent directly affects long range strategic planning, design, implementation and modification to the security enterprise which services mission critical applications of multiple state and local government agencies. Serves as the key point of contact with statewide agency technical staff to solve complex, high risk enterprise security integration issues that could impact an agency's ability to provide mission critical services to their constituents. Recommends strategic security infrastructure purchasing decisions in excess of \$2 million.

Specific responsibilities include:

- Highest level expert for analysis of ongoing threats to the state's networks and recommends mitigation strategies.
- Member of the Security Operations Center (SOC) team and responsible for providing resource in the analysis and resolution of security incidents through infrastructure design support and avoidance analysis.
- Lead for state data center security architecture and design of physical and logical networks.
- Responsible for the continuous improvement of security architecture and solution recommendations for service solutions provided by CTS.
- Collaborate across domains with other enterprise architects and vendors to develop requirements and architecture to solve business problems with an enterprise approach.
- Participate with security technology procurements for CTS security services and provides evaluation to ensure proposed technologies meet the state's strategic security direction.
- Contributor for the Security Design review team and a primary resource for providing consultation and recommendations of designs presented in this process for meeting necessary compliance components.
- Technical expert for executive and senior level management on enterprise security architecture issues; anticipate and formulate mitigation strategies; coach and mentor high-level technical experts.
- Advisor on security and strategy to the Washington State Chief Information Security Officer.
- Develops functional/technical security requirements and use cases to help drive the state's security technology direction.
- Consults and recommends designs to operations teams in CTS security services for proposed changes, upgrades, troubleshooting, and mitigation.
- Mentor to security operations and security infrastructure teams for design, troubleshooting, and incident resolution.

Qualifications you'll need to have:

Bachelor's degree in computer science or related field or equivalent combination of education/experience.

At least 6 years experience with network and security technology in a large enterprise environment, such as:

- Routing Protocols
- Layer 2 technologies
- MPLS operation and design
- IPS/IDS
- Firewall inspection L4-L7
- SIEM
- Monitoring and analysis
- Vulnerability management
- DDoS prevention
- Remote access technologies
- Identity management

In-depth knowledge of: network engineering, design and architecture; applicable security practices and laws pertaining to data privacy and protection.

Knowledge of: systems security, security architecture, system integration principles, technologies and configurations; ISO 17799, COBIT, NIST and HIPAA; enterprise security offerings including SSL and IPSec remote access technologies, Security proxy technologies, firewalls, mobile security and encryption methodologies; security tools, trends, security vulnerabilities, security threats, tactics for attack, and security best practices.

The successful candidate will exhibit accomplished communication skills, including written and public speaking and formal presentation skills; leadership and problem solving skills; be team oriented with excellent interpersonal skills and have analytical, interpretive and organizational abilities.

Ideally, you'll also have:

- Specific experience with the following: Multi-tenant service provider organization
- Large enterprise Security Operations Center
- Multi-factor authentication
- Fortinet security appliances
- Cisco security appliances
- Juniper and Citrix Remote Access technologies
- Wireless security
- Professional or expert level industry certifications
- Large government IT organization

Special Notes

The selected candidate must be able to pass the Washington State Patrol (WSP) criminal background check and meet all standards set by the WSP.

This announcement may be used to fill more than one vacancy.

I'm interested! How do I apply?

If you are reading this announcement in a print format, please visit www.careers.wa.gov to access the online recruitment system. Click on "Look for Jobs" and select Consolidated Technology Services under the "Department" search list. Click "Apply Search."

Click the green "Apply" button near the top of this [announcement](#) to get started. Include the following attachments with your completed application:

- A letter of interest with a detailed description of your experience as it pertains to the qualifications listed;
- A current resume;
- A list of at least three professional references.

Please note: The initial screening will be solely based on the contents and completeness of your application and application materials submitted. A resume will not substitute for completing the "work experience" section of the application. All information may be verified and documentation may be required.

Persons of disability needing assistance in the application process, or those needing this announcement in an alternative format, may call (360) 407-8815 or Telecommunications Device for the Deaf at 1-800-833-6388.

CTS complies with the employment eligibility verification requirements of the federal Form I-9. The selected candidate must be able to provide proof of identity and eligibility to work in the United States consistent with the requirements of that form on the first day of employment.

Washington State Consolidated Technology Services is an equal opportunity employer.